

Notice of Allowability

Application No.

10/666,818

Examiner

Michael Y. Won

Applicant(s)

TOCK, THERON

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed May 22, 2007 and interview conducted on July 3, 2007.
2. ☒ The allowed claim(s) is/are 1,2,4-32, and 34-57 (renumbered 1-55).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material.
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date attached.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Eric L. Prah (Reg. No. 32,590) on July 3, 2007.

3. The application has been amended as follows:

1. **(Currently Amended)** A method for sending a request from a client computer to a server computer, wherein the client computer is connected to the server computer via a network, wherein the server computer runs server-side code associated with a client/server application, wherein the client computer runs client-side code associated with the client/server application, the method comprising:

the client-side code registering a request entry with a client-side scheduler while the client computer is unable to establish a connection to the server computer over the network, wherein the request entry represents the request to be sent from the client computer to the server computer;

the client-side scheduler storing the request entry until a connection from the client computer to the server computer can be established for use by the client-side code;

the client-side scheduler detecting when a connection from the client computer to the server computer is established;

the client-side scheduler notifying the client-side code that the connection from the client computer to the server computer over the network is established;

the client-side code using the connection to the server computer to send the request to the server computer;

wherein said client-side code registering a request entry with the client-side scheduler comprises the client-side code storing request context information for the request entry; and

wherein said client-side code using the connection from the client computer to the server computer to send the request to the server computer comprises the client-side code retrieving the request context information to formulate the appropriate request to send to the server computer.

3. (Currently Cancelled)

4. (Currently Amended) The method of ~~claim 3~~ claim 1, wherein said client-side code storing request context information for the request entry comprises the client-side code storing the request context information in a database.

31. **(Currently Amended)** A system for enabling a client/server application, the system comprising:

a server computer, wherein the server computer runs server-side code associated with the application;

a client computer connected to the server computer via a network, wherein the client computer runs client-side code associated with the application; and

a client-side scheduler, wherein the client-side code is operable to interface with the client-side scheduler in order to manage requests to the server computer;

wherein the client-side code is executable to register a request entry with the client-side scheduler while the client computer is unable to establish a connection to the server computer over the network, wherein the request entry represents a request that the client-side code needs to send to the server computer;

wherein the client-side scheduler is executable to store the request entry until a connection from the client computer to the server computer can be established for use by the client-side code;

wherein the client-side scheduler is executable to detect when a connection from the client computer to the server computer is established;

wherein the client-side scheduler is executable to notify the client-side code that the connection from the client computer to the server computer over the network is established;

wherein the client-side code is executable to use the connection to the server computer to send the request to the server computer;

wherein said client-side code registering a request entry with the client-side scheduler comprises the client-side code storing request context information for the request entry; and

wherein said client-side code using the established connection from the client computer to the server computer to send the request to the server computer comprises the client-side code retrieving the request context information to formulate the appropriate request to send to the server computer.

33. (Currently Cancelled)

34. (Currently Amended) The system of ~~claim 33~~ claim 31, wherein said client-side code storing request context information for the request entry comprises the client-side code storing the request context information in a database.

Allowable Subject Matter

4. Claims 1, 2, 4-32, and 34-57 are allowable over prior art of record in light of the arguments presented in the Amendment filed May 22, 2007 and the Examiner's Amendment above.

5. The following is an examiner's statement of reasons for allowance:

The prior art of record does not disclose, teach, or suggest neither singly nor in combination the claimed limitation of "wherein said client-side code registering a request entry with the client-side scheduler comprises the client-side code storing request context information for the request entry; and wherein said client-side code using the connection from the client computer to the server computer to send the request to the server computer comprises the client-side code retrieving the request context information to formulate the appropriate request to send to the server computer" as recited in independent claims 1 and 31.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Y. Won whose telephone number is 571-272-3993. The examiner can normally be reached on M-Th: 7AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Michael Won/

Primary Examiner

July 5, 2007